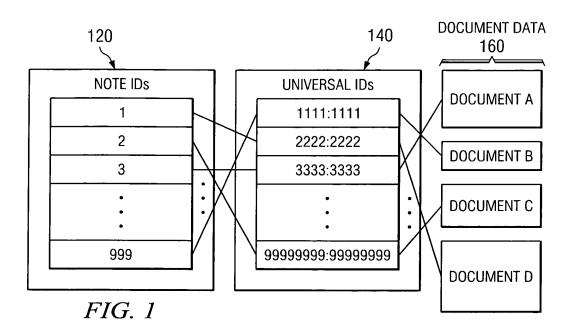EL9783180255US
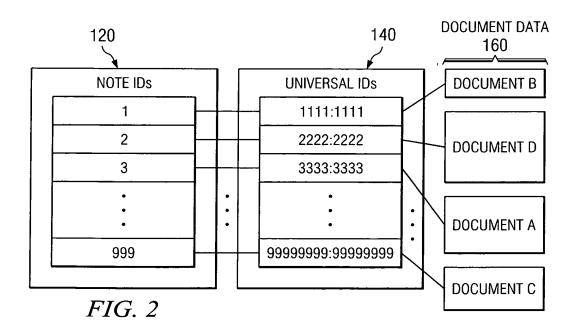
AUS920040048US1
Browning et al.
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Items During Lotus Notes Database Migrations
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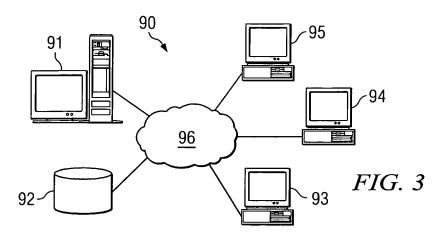
120   140   DOCUMENT DATA
160

NOTE IDs
1
2
3
. . .
999

UNIVERSAL IDs
1111:1111
2222:2222
3333:3333
. . .
99999999:99999999

DOCUMENT A

DOCUMENT B

DOCUMENT C

DOCUMENT D

FIG. 1

120   140   DOCUMENT DATA
160

NOTE IDs
1
2
3
. . .
999

UNIVERSAL IDs
1111:1111
2222:2222
3333:3333
. . .
99999999:99999999

DOCUMENT B

DOCUMENT D

DOCUMENT A

DOCUMENT C

FIG. 2

FIG. 3

FIG. 4
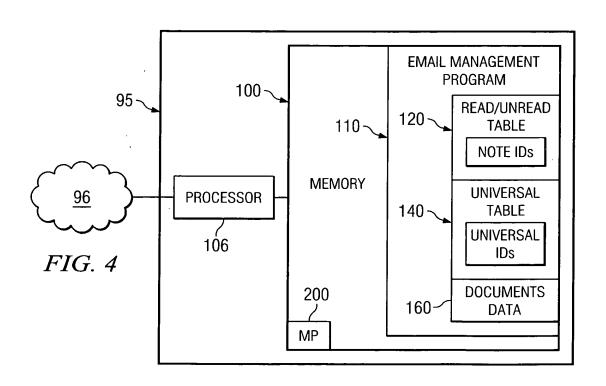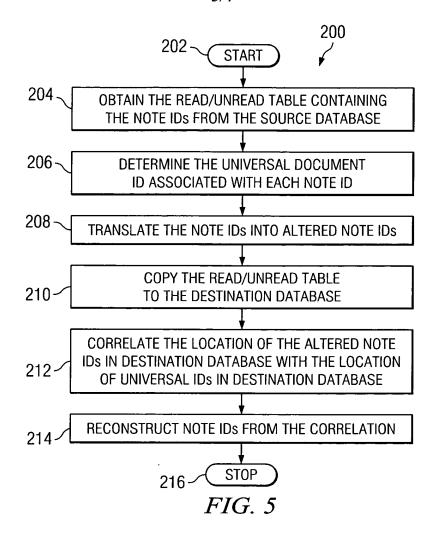
AUS920040048US1
Browning et al.
A Method for Synchronizing Read/Unread
Items During Lotus Notes Database Migrations

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202 — (START)   200
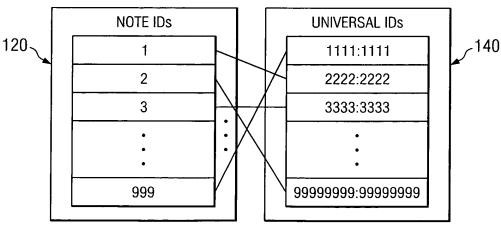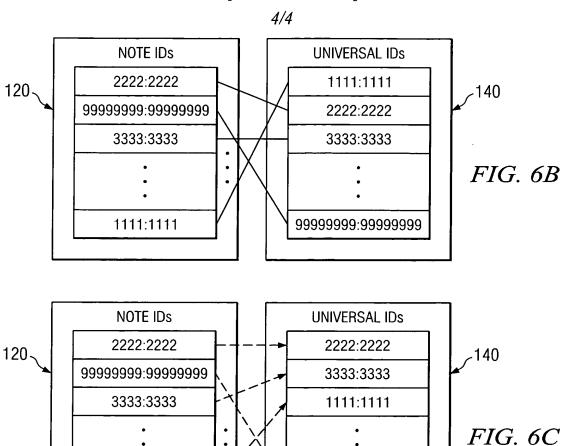
204 — OBTAIN THE READ/UNREAD TABLE CONTAINING
THE NOTE IDs FROM THE SOURCE DATABASE

206 — DETERMINE THE UNIVERSAL DOCUMENT
ID ASSOCIATED WITH EACH NOTE ID

208 — TRANSLATE THE NOTE IDs INTO ALTERED NOTE IDs

210 — COPY THE READ/UNREAD TABLE
TO THE DESTINATION DATABASE

212 — CORRELATE THE LOCATION OF THE ALTERED NOTE
IDs IN DESTINATION DATABASE WITH THE LOCATION
OF UNIVERSAL IDs IN DESTINATION DATABASE

214 — RECONSTRUCT NOTE IDs FROM THE CORRELATION

216 — (STOP)

FIG. 5

NOTE IDs	UNIVERSAL IDs
1	1111:1111
2	2222:2222
3	3333:3333
.	.
999	99999999:99999999

120 ↘   140 ↙

FIG. 6A

NOTE IDs | UNIVERSAL IDs

120

2222:2222
99999999:99999999
3333:3333
⋮
1111:1111

140

1111:1111
2222:2222
3333:3333
⋮
99999999:99999999

FIG. 6B

NOTE IDs | UNIVERSAL IDs

120

2222:2222
99999999:99999999
3333:3333
⋮
1111:1111

140

2222:2222
3333:3333
1111:1111
⋮
99999999:99999999

FIG. 6C

120   140   DOCUMENT DATA 160

NOTE IDs

1
2
3
⋮
999

UNIVERSAL IDs

2222:2222
3333:3333
1111:1111
⋮
99999999:99999999

DOCUMENT D

DOCUMENT A

DOCUMENT B

DOCUMENT C

FIG. 6D